

ABSTRACT OF THE DISCLOSURE
REFORMATTING A DOCUMENT USING FUZZY MATCHING

Reformatting a previously formatted document. A unique interface
5 allows preview and selection of both a color set and a font set. A color set comprises
a plurality of colors defining a color scheme. The font set comprises a plurality of
fonts defining a font theme. A format set is defined by the selection of a color set and
a font set. A format set comprises a plurality of formats, each format comprising a
format font name, a format font size, a format font color, and other properties. Once a
10 format set is determined, the document is reformatted in such a way as to largely
maintain the proportionality and integrity of its previous formatting. In so doing,
each discrete portion of text in the document is analyzed to determine its format
properties. Each format in the format set is then compared to the text format. Points
are added to a match quality value associated with the format when it is determined
15 that a property of the format matches a property of the existing text format. The
match quality values for each format in the format set are compared and the format
having the greatest associated match quality value is applied to the discrete portion of
text.